# Dell Vostro 1440/1540/1450/1550

## Setup And Features Information

## About Warnings

⚠ WARNING: A WARNING indicates a potential for property damage, personal injury, or death.

## Front And Back — Vostro 1440/1450

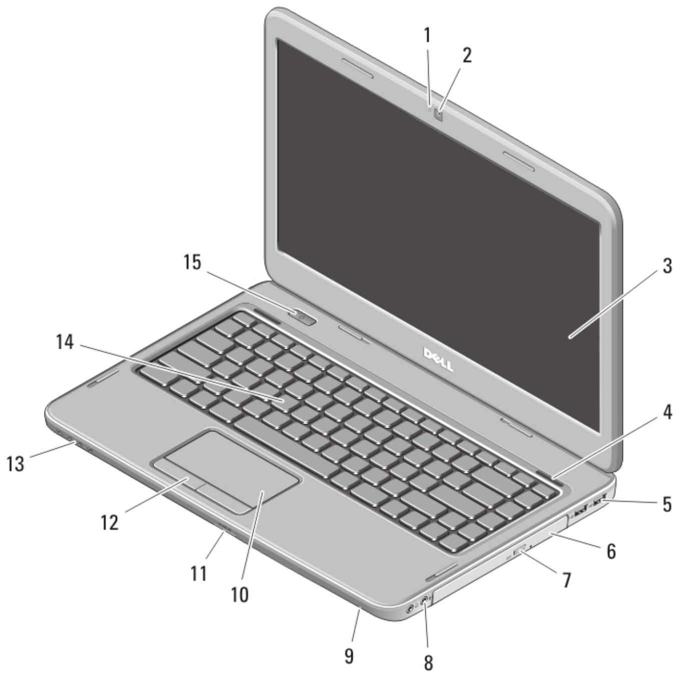



Figure 1. Front View

1. camera status light
2. camera
3. display
4. speakers (2)
5. USB 2.0 connectors (2)
6. optical drive


0R39PJA01

Regulatory Model P22G,P18F
Regulatory Type
P22G001,P22G003,P18F001,P18F002
2011 – 05

7. optical drive eject button
8. audio connectors
9. microphone
10. touchpad
11. memory card reader
12. touchpad buttons (2)
13. device status lights
14. keyboard
15. power button

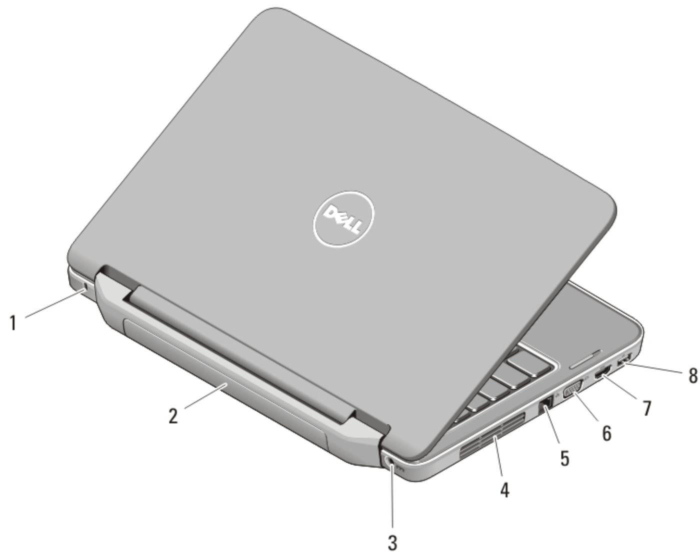



Figure 2. Back View

1. security cable slot
2. battery
3. power connector
4. cooling vents
5. network connector
6. VGA connector
7. HDMI connector
8. USB 2.0 connector

WARNING: Do not block, push objects into, or allow dust to accumulate in the air vents. Do not store your Dell computer in a low-airflow environment, such as a closed briefcase, while it is running. Restricting the airflow can damage the computer or cause a fire. The computer turns on the fan when the computer gets hot. Fan noise is normal and does not indicate a problem with the fan or the computer.

## Front And Back – Vostro 1540/1550

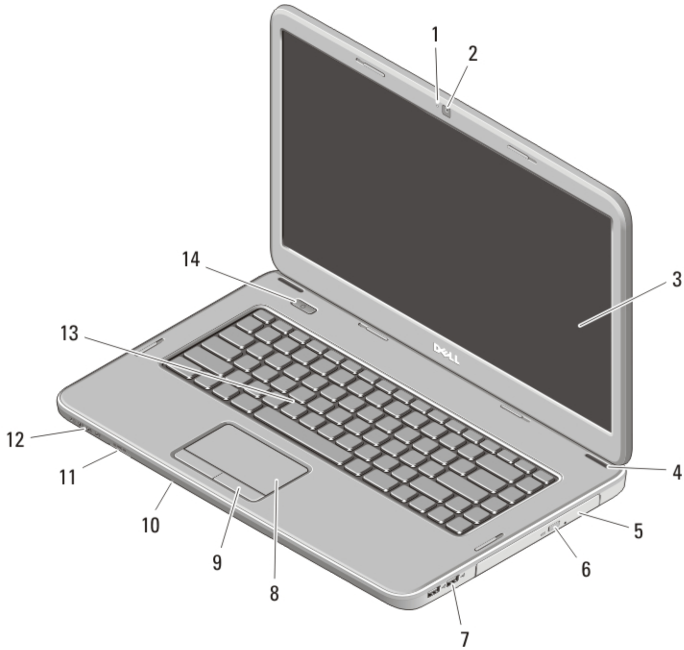



Figure 3. Front View

1. camera status light
2. camera
3. display
4. speakers (2)
5. optical drive
6. optical drive eject button
7. USB 2.0 connectors (2)
8. touchpad
9. touchpad buttons (2)
10. microphone
11. memory card reader
12. device status lights
13. keyboard
14. power button

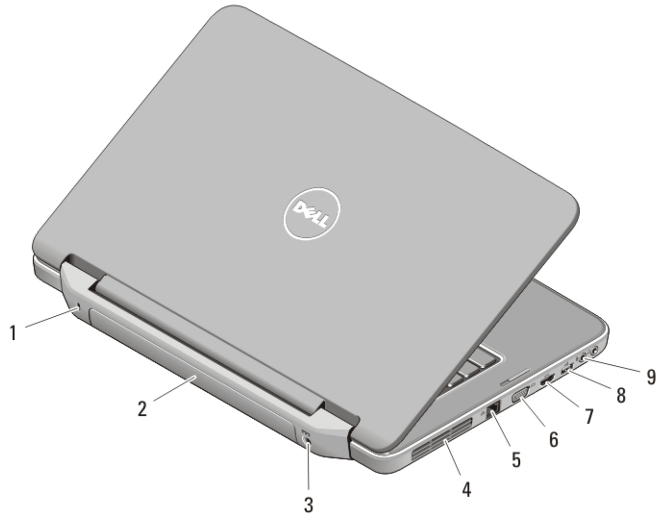



Figure 4. Back View

1. security cable slot
2. battery
3. power connector
4. cooling vents
5. network connector
6. VGA connector
7. HDMI connector
8. USB 2.0 connector
9. audio connectors

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## Quick Setup

WARNING: Before you begin any of the procedures in this section, read the safety information that shipped with your computer. For additional best practices information, see www.dell.com/regulatory_compliance.

WARNING: The AC adapter works with electrical outlets worldwide. However, power connectors and power strips vary among countries. Using an incompatible cable or improperly connecting the cable to the power strip or electrical outlet may cause fire or equipment damage.

**CAUTION: When you disconnect the AC adapter cable from the computer, grasp the connector, not the cable itself, and pull firmly but gently to avoid damaging the cable. When you wrap the AC adapter cable, ensure that you follow the angle of the connector on the AC adapter to avoid damaging the cable.**

**NOTE:** Some devices may not be included if you did not order them.

1. Connect the AC adapter to the AC adapter connector on the computer and to the electrical outlet.

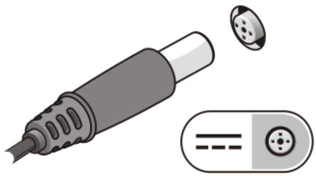


**Figure 5. AC Adapter**

2. Connect the network cable (optional).

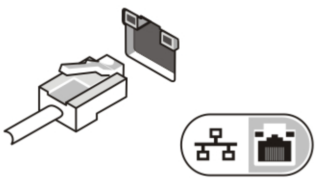


**Figure 6. Network Connector**

3. Connect USB devices, such as a mouse or keyboard (optional).

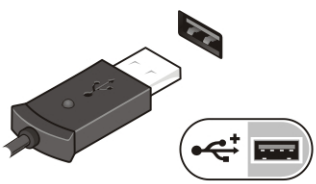


**Figure 7. USB Connector**

4. Open the computer display and press the power button to turn on the computer.



**Figure 8. Power Button**

**NOTE:** It is recommended that you turn on and shut down your computer at least once before you install any cards or connect the computer to a docking device or other external device, such as a printer.

## Specifications

**NOTE:** Offerings may vary by region. The following specifications are only those required by law to ship with your computer. For more information regarding the configuration of your computer, click **Start** → **Help and Support** and select the option to view information about your computer.

| System Information | |
|---|---|
| Chipset: | |
| Vostro 1450/Vostro 1550 | Intel HM67 |
| Vostro 1440/Vostro 1540 | Intel HM57 Express Chipset |
| Processor: | • Intel Celeron<br>• Intel Core i3 series<br>• Intel Core i5 series |

| Video | |
|---|---|
| Video type | integrated on system board |
| Data bus | integrated video |
| Video controller and memory: | |
| Integrated: | |
| Vostro 1450/Vostro 1550 | • Intel HD Graphics 2000<br>• Intel HD Graphics 3000 |
| Vostro 1440/Vostro 1540 | Intel HD graphics |
| Discrete: | |
| Vostro 1440 | AMD Radeon HD6450M |
| Vostro 1450 | AMD Radeon HD6470M |

| Memory | |
|---|---|
| Memory connector | two SODIMM slots |

| Memory | |
|---|---|
| Memory capacity | 1 GB / 2 GB / 4 GB |
| Memory type | DDR3, 1333 MHz |
| Minimum memory | 1 GB |
| Maximum memory | 8 GB |

| Battery | |
|---|---|
| Type | 6-cell lithium ion (2.20 Whr) |
| Dimensions: | |
| Depth | 53.39 mm (2.10 inches) |
| Height | 20.44 mm (0.80 inch) |
| Width | 206.44 mm (8.12 inches) |
| Weight | 0.34 kg (0.75 lb) |
| Voltage | 11.1 V |
| Temperature range: | |
| Operating | 10 °C to 35 °C (50 °F to 95 °F) |
| Non-operating | -40 °C to 65 °C (-40 °F to 149 °F) |
| Coin-cell battery | 3 V CR2032 lithium ion |

| AC Adapter | |
|---|---|
| Type: | |
| Vostro 1440 / Vostro 1450 / Vostro 1540 / Vostro 1550 with integrated video card | 65 W |
| Vostro 1440 with discrete video card | 65 W |
| Vostro 1450 with discrete video card | 90 W |
| Input voltage | 100 VAC to 240 VAC |
| Input current (maximum) | 1.50 A |
| Input frequency | 50 Hz to 60 Hz |
| Output current: | |
| 65 W | 3.34 A (continuous) |

| AC Adapter | |
|---|---|
| 90 W | 4.62 A |
| Rated output voltage | 19.50 VDC (+/ 1.0 VDC) |
| Dimensions: | |
| Height | 28.20 mm (1.11 inches) |
| Width | 57.90 mm (2.28 inches) |
| Depth | 137.16 mm (5.40 inches) |
| Temperature range: | |
| Operating | 0 °C to 40 °C (32 °F to 104 °F) |
| Non Operating | –40 °Ç to 65 °C (–40 °F to 149 °F) |

| Physical | |
|---|---|
| Vostro 1440 / Vostro 1450: | |
| Height (with a WLED panel) | 31.50 mm to 34.70 mm (1.24 inches to 1.36 inches) |
| Width | 342.00 mm (13.46 inches) |
| Depth | 244 mm (9.60 inches) |
| Weight (Minimum) | 2.2 kg (4.85 lb) |
| Vostro 1540 / Vostro 1550: | |
| Height (with a WLED panel) | 31.50 mm to 34.50 mm (1.24 inches to 1.35 inches) |
| Width | 376.00 mm (14.80 inches) |
| Depth | 260 mm (10.23 inches) |
| Weight (Minimum) | 2.37 kg (5.22 lb) |

| Environmental | |
|---|---|
| Temperature: | |
| Operating | 10 °C to 35 °C (50 °F to 95 °F) |
| Storage | -40 °C to 65 °C (-40 °F to 149 °F) |
| Relative humidity (maximum): | |
| Operating | 10 % to 90 % (noncondensing) |

| Environmental | |
|---|---|
| Storage | 5 % to 95 % (noncondensing) |
| Airborne contaminant level | G1 as defined by ISA–71.04–1985 |

## Finding More Information and Resources

See the safety and regulatory documents that shipped with your computer and the regulatory compliance website at **www.dell.com/regulatory_complianc**e for more information on:

- Safety best practices
- Regulatory certification
- Ergonomics

See **www.dell.com** for additional information on:

- Warranty
- Terms and Conditions (U.S. only)
- End User License Agreement